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TECHNOLGY LETTER 2803

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Hironao YAMAGUCHI

2.

3.

4.

5.

6.

7.

8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: DENSO CORPORATION

ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 JAPAN

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

<input checked="" type="checkbox"/> ASSIGNMENT OF	<input checked="" type="checkbox"/> WHOLE	<input type="checkbox"/> PART INTEREST
<input checked="" type="checkbox"/> ORIGINAL	<input type="checkbox"/> FACSIMILE/PHOTOCOPY	
<input type="checkbox"/> CHANGE OF NAME	<input type="checkbox"/> VERIFIED TRANSLATION	
<input type="checkbox"/> SECURITY	<input type="checkbox"/> MERGER	<input type="checkbox"/> OTHER:

EXEC. DATE: June 1, 2001

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) June 1, 2001

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APP. NO.(S) Series code/serial no.	M#	1 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
NEW APPLICATION	281387				

5. Name & Address of Party to Whom Correspondence
Concerning Document Should be Mailed:6. NUMBER INVOLVED:
APPLNS 1 + PATS 0 = TOTAL 17. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL x \$40 = \$40

Pillsbury Winthrop LLP
Intellectual Property Group
1100 New York Avenue, NW
Ninth Floor
Washington, DC 20005-3918

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE
INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975
UNDER ORDER NO 30954 281387

P 281387	30954	dup. sheet not required	CLIENT NO.	MATTER NO.
MATTER NO.	CLIENT REF.			

9.

Signature

Attorney: Paul T. Bowen

Reg. No. 38009

Atty/Sec: PTB/mjb

TEL: (202) 861-3014

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Date: June 13, 2001

FAX: (202) 822-0944

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Atty. Dkt. PW

56600-US-AK/nh

M#

Client Ref.

USA Patent Appln.
Sole or Joint

NONPROVISIONAL

ASSIGNMENT
OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT
NAME(S) OF
INVENTOR(S)

(1) Hironao YAMAGUCHI	(2)
(3)	(4)
(5)	<input type="checkbox"/> x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

DENSO CORPORATION
1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF
INVENTION

TRANSFORMER DEVICE, HIGH-VOLTAGE GENERATING APPARATUS
HAVING THE SAME, AND LIGHTING SYSTEM HAVING THEM

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → → (A) even date herewith
(Complete)
line A, B and/or C) (B) on _____
(C) in U.S. Appln. No. _____ / _____ filed _____

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS

1): Hironao Yamaguchi
Name: Hironao YAMAGUCHI
2)
Name:
3)
Name:
4)
Name:
5)
Name:

DATE SIGNED

June 1, 2001

WITNESSES

Yoshitaka Sato

BOX ASSIGNMENTS

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RECORDATION FORM COVER SHEET
PATENT APPLICATIONS & PATENTS ONLY

TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS:

SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Keiji TAKAHASHI
 3. Makoto TANIGUCHI
 5.
 7.

2. Toshinori MARUYAMA
 4.
 6.
 8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: DENSO CORPORATION

ADDRESS: 1-1 Showa-cho, Kariya-city, Aichi-pref., 448-8661 JAPAN

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

ASSIGNMENT OF WHOLE PART INTEREST
 ORIGINAL FACSIMILE/PHOTOCOPY
 CHANGE OF NAME VERIFIED TRANSLATION
 SECURITY MERGER OTHER:

EXEC. DATE: May 31, 2001

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) May 31, 2001

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APP. NO.(S) series code/serial no.	M#	C. INVENTOR if not in item 1	B. PATENT NO(S)	M#	D. INVENTOR if not in item 1
---	----	---------------------------------	-----------------	----	---------------------------------

NEW APPLICATION 281174

5. Name & Address of Party to Whom Correspondence
Concerning Document Should be Mailed:

Pillsbury Winthrop LLP
 Intellectual Property Group
 1600 Tysons Boulevard
 McLean, VA 22102

5.5 ATTY DKT:

P 281174 56656-US-SuS/sm

MATTER NO. CLIENT REF.

6. NUMBER INVOLVED:
APPLNS 1 + PATS 0 = TOTAL 17. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL x \$40 = \$408. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE
INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

UNDER ORDER NO 30954 281174

dup. sheet not required CLIENT NO. MATTER NO.

9.

Signature

Attorney: Paul T. Bowen

Reg. No. 38009

Atty/Sec: PTB/mjb TEL: (703) 905-2020

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Washington, DC 20005-3918

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Atty. Dkt. PW 56656-US
M# Client Ref.

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**ASSIGNMENT
OF NONPROVISIONAL APPLICATION**

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT NAME(S) OF INVENTOR(S)	(1) Keiji TAKAHASHI (3) Makoto TANIGUCHI (5)	(2) Toshinori MARUYAMA (4) <input type="checkbox"/> x box if continued on page 2
-------------------------------------	--	--

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT NAME(S) OF ASSIGNEE(S) & ADDRESS(ES)	DENSO CORPORATION 1-1 Showa-cho, Kariya-city Aichi-pref., 448-8661 Japan
--	--

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof, and all resulting patents, known as

TITLE OF INVENTION	VOLTAGE REGULATOR OF VEHICLE AC GENERATOR
-----------------------	---

for which the undersigned executed an application for Letters Patents of the United States of America:

<u>NOTE → →</u> (Complete line A, B and/or C)	(A) <input checked="" type="checkbox"/> even date herewith (B) <input type="checkbox"/> on _____ (C) <input type="checkbox"/> in U.S. Appln. No. _____ / _____ filed _____
---	--

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

	<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
1):	Keiji TAKAHASHI	May/31/2001	Hiroshi Ishida
Name:	Keiji TAKAHASHI		
2)	Toshinori Maruyama	May/31/2001	Hiroshi Ishida
Name:	Toshinori MARUYAMA		
3)	Makoto Taniguchi	May/31/2001	Hiroshi Ishida
Name:	Makoto TANIGUCHI		

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1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Nakato MURATA

3. Tsutomu SHIGA

5.

7.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: DENSO CORPORATION

ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 JAPAN

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

ASSIGNMENT OF WHOLE PART INTEREST
 ORIGINAL FACSIMILE/PHOTOCOPY
 CHANGE OF NAME VERIFIED TRANSLATION
 SECURITY MERGER OTHER:

EXEC. DATE: (1 & 2) July 12, 2001 and
(3) July 13, 2001

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) (1 & 2) July 12, 2001 and (3) July 13, 2001

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APP. NO.(S) series code/serial no.	M#	1 st INVENTOR If not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR If not in item 1
NEW APPLICATION	0282704				
5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed: Pillsbury Winthrop LLP Intellectual Property Group 1600 Tysons Boulevard McLean, VA 22102			6. NUMBER INVOLVED: APPLNS 1 + PATS 0 = TOTAL 1		
			7. AMOUNT OF FEE ENCLOSED: (Code 581) ABOVE TOTAL x \$40 = \$40		
5.5 ATTY DKT: P 0282704			8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975 UNDER ORDER NO 030954 0282704 MATTER NO. CLIENT REF. dup. sheet not required CLIENT NO. MATTER NO.		

9.

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Signature

Attorney: Paul T. Bowen

Reg. No. 38009

Atty/Sec: PTB/tel

TEL: (703) 905-2020

Date: July 26, 2001

FAX: (703) 905-2500

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McLean VA 22102

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Atty. Dkt. PW

M#

Client Ref.

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OF NONPROVISIONAL APPLICATION**

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT NAME(S) OF INVENTOR(S)	(1) Nakato Murata (3) Tsutomu Shiga (5)	(2) Yoshiki Tan (4) <input type="checkbox"/> x box if continued on page 2
-------------------------------------	---	---

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT NAME(S) OF ASSIGNEE(S) & ADDRESS(ES)	DENSO CORPORATION 1-1, SHOWA-CHO, KARIYA-CITY, AICHI-PREF., 448-8661 JAPAN
--	---

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF INVENTION	BRUSH-LESS ROTARY ELECTRIC MACHINE HAVING STATOR COOLING ARRANGEMENT
-----------------------	--

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → → (Complete line A, B and/or C)	(A) <input checked="" type="checkbox"/> even date herewith (B) <input type="checkbox"/> on _____ (C) <input type="checkbox"/> in U.S. Appln. No. _____ / _____ filed _____
--	--

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

	<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
1):	Nakato Murata	July 12, 2001	Yoshiki Tanida
Name:	Nakato Murata	July 12, 2001	Yoshiki Tanida
2)	Yoshiki Tan	July 13, 2001	Yoshiki Tanida
Name:	Yoshiki Tan	July 13, 2001	Yoshiki Tanida
3)	Tsutomu Shiga	July 13, 2001	Yoshiki Tanida
Name:	Tsutomu Shiga	July 13, 2001	Yoshiki Tanida
4)			
Name:			
5)			
Name:			

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1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Masami NIIMI
3. Masahiro KATOH
5.
7.

2. Hideki ICHIKAWA
4.
6.
8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: DENSO CORPORATION

ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 JAPAN

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

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|---|---|--|
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| <input checked="" type="checkbox"/> ORIGINAL | <input type="checkbox"/> FACSIMILE/PHOTOCOPY | |
| <input type="checkbox"/> CHANGE OF NAME | <input type="checkbox"/> VERIFIED TRANSLATION | |
| <input type="checkbox"/> SECURITY | <input type="checkbox"/> MERGER | <input type="checkbox"/> OTHER: |

EXEC. DATE:	(1)	June 5, 2001
	(2)	June 11, 2001
	(3)	June 6, 2001

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) (1) June 5, 2001; (2) June 11, 2001; (3) June 6, 2001

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APP. NO.(S) series code/serial no.	M#	B. PATENT NO(S) if not in item 1	M#	1 st INVENTOR if not in item 1
NEW APPLICATION	0281512			
5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:		6. NUMBER INVOLVED: APPLNS 1 + PATS 0 = TOTAL <u>1</u>		
Pillsbury Winthrop LLP Intellectual Property Group 1600 Tysons Boulevard McLean, VA 22102		7. AMOUNT OF FEE ENCLOSED: (Code 581) ABOVE TOTAL x \$40 = \$40		
5.5 ATTY DKT: P 0281512		8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975 UNDER ORDER NO <u>030954</u> <u>0281512</u>		
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				MATTER NO.

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Attorney: Paul T. Bowen

Date: August 1, 2001

Reg. No. 38009

FAX: (703) 905-2500

Atty/Sec: PTB/tel

TEL: (703) 905-2020

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Atty. Dkt. PW 57168-US-
MRB/nh

M#

Client Ref.

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Sole or Joint

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OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT	(1) Masami NIIMI	(2) Hideki ICHIKAWA
NAME(S) OF	(3) Masahiro KATOH	(4)
INVENTOR(S)	(5)	<input type="checkbox"/> x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT	DENSO CORPORATION
NAME(S) OF	1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan
ASSIGNEE(S)	
& ADDRESS(ES)	

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof, and all resulting patents, known as

TITLE OF
INVENTION

METHOD OF FABRICATING BRUSHES

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → → (Complete line A, B and/or C)	(A) <input checked="" type="checkbox"/> even date herewith (B) <input type="checkbox"/> on _____ (C) <input type="checkbox"/> in U.S. Appln. No. / _____ filed _____
--	--

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

	INVENTORS	DATE SIGNED	WITNESSES
1): Name:	Masami NIIMI	June 5, 2001	Shinji Usami
2) Name:	Hideki ICHIKAWA	June 11, 2001	Kenji Ogishima
3) Name:	Masahiro KATOH	June 6, 2001	Shinji Usami
4) Name:			
5) Name:			

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1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Tadatoshi ASADA

3.
5.
7.2.
4.
6.
8.ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: DENSO CORPORATION

ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661, Japan

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

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<input checked="" type="checkbox"/> ASSIGNMENT OF	<input checked="" type="checkbox"/> WHOLE	<input type="checkbox"/> PART INTEREST
<input checked="" type="checkbox"/> ORIGINAL	<input type="checkbox"/> FACSIMILE/PHOTOCOPY	
<input type="checkbox"/> CHANGE OF NAME	<input type="checkbox"/> VERIFIED TRANSLATION	
<input type="checkbox"/> SECURITY	<input type="checkbox"/> MERGER	<input type="checkbox"/> OTHER:

EXEC. DATE: July 2, 2001

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) July 2, 2001

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
NEW APPLICATION	0282680				

5. Name & Address of Party to Whom Correspondence
Concerning Document Should be Mailed:Pillsbury Winthrop LLP
Intellectual Property Group
1600 Tysons Boulevard
McLean, VA 22102

5.5 ATTY DKT:

P 0282680	57174-US-SuS/nh	6. NUMBER INVOLVED: APPLNS 1 + PATS 0 = TOTAL 1
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MATTER NO.	CLIENT REF.	7. AMOUNT OF FEE ENCLOSED: (Code 581) ABOVE TOTAL x \$40 = \$40
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8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975 UNDER ORDER NO	030954	0282680
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dup. sheet not required	CLIENT NO.	MATTER NO.
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Signature

Attorney: Paul T. Bowen

Reg. No. 38009

Atty/Sec: PTB/tel

TEL: (703) 905-2020

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Date: August 7, 2001

FAX: (703) 905-2500

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SuS/nh

M#

Client Ref.

USA Patent Appln.
Sole or Joint

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ASSIGNMENT

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OF NONPROVISIONAL APPLICATION

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT	(1) Tadatoshi ASADA	(2)
NAME(S) OF	(3)	(4)
INVENTOR(S)	(5)	<input type="checkbox"/> x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT	DENSO CORPORATION
NAME(S) OF	1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan
ASSESSOR(S)	
& ADDRESS(ES)	

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF INVENTION	VOLTAGE REGULATOR OF VEHICLE AC GENERATOR
--------------------	---

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → →	(A) <input checked="" type="checkbox"/> even date herewith
(Complete	(B) <input type="checkbox"/> on _____
line A, B and/or C)	(C) <input type="checkbox"/> in U.S. Appln. No. / filed _____

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS	DATE SIGNED	WITNESSES
1): Name: Tadatoshi Asada Tadatoshi ASADA	July 2, 2001	Hiroshi Ishida
2)		
Name:		
3)		
Name:		
4)		
Name:		
5)		
Name:		

BOX ASSIGNMENTS

O I P E J C /
FEB 15 2002
U.S. PATENT & TRADEMARK OFFICE

DO NOT USE FOR TRADEMARKS

RECORDATION FORM COVER SHEET
PATENT APPLICATIONS & PATENTS ONLY

TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS:

SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

RECEIVED

FEB 20 2001

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Naoto IWATA
 3. Masahiko NATUME
 5. Nobuhiko NAGAI
 7. Kunihiro KODAMA

2. Masayoshi FUJITA
 4. Yoshiaki MIZUNO
 6. Mitsutoshi MIYAZAKI
 8. Toshiji KONDOW

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

TECHNOLOGY CENTER 2000

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: Denso Corporation

ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref. 448-0029 JAPAN

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

<input checked="" type="checkbox"/> ASSIGNMENT OF	<input checked="" type="checkbox"/> WHOLE	<input type="checkbox"/> PART INTEREST
<input type="checkbox"/> ORIGINAL	<input checked="" type="checkbox"/> FACSIMILE/PHOTOCOPY	
<input type="checkbox"/> CHANGE OF NAME	<input type="checkbox"/> VERIFIED TRANSLATION	
<input type="checkbox"/> SECURITY	<input type="checkbox"/> MERGER	<input type="checkbox"/> OTHER:

EXEC. DATE: 27 and 28 May 1998

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!)

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A-PAT. APP. NO.(S) series code/serial no	M#	1 st INVENTOR if not in item 1	B-PATENT NO(S)	M#	1 st INVENTOR if not in item 1
Div. of 09/092,646	281099				

5. Name & Address of Party to Whom Correspondence
Concerning Document Should be Mailed:

Pillsbury Winthrop LLP
Intellectual Property Group
1600 Tysons Boulevard

McLean, VA 22102

5.5 ATTY DKT:

P 281099

U3-9812-YK-B

MATTER NO.

CLIENT REF.

6. NUMBER INVOLVED:

APPLNS 1 + PATS 0 = TOTAL

1

7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL x \$40 = \$40

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975 UNDER ORDER NO	60388	281099
dup. sheet not required	CLIENT NO.	MATTER NO.

9.

[Signature]

Signature

10. Total number of pages including this
cover sheet, attachments and document
(do not file dup. Cover sheet)

3

Attorney: Kenneth M. Fagin

Reg. No. 37,615

Atty/Sec: KMF/mll

Date: July 13, 2001

FAX: (703) 905-2500

TEL: (703) 905-2066

FILE WITH PTO RETURN RECEIPT (PAT-103A)

Please return signed/recorded to:
 Cushman Darby & Cushman
 Intellectual Property Group of
 Pillsbury Madison & Sutro LLP
 Ninth Floor, East Tower
 1100 New York Avenue, N.W.
 Washington, D.C. 20005-3918

USA Patent Appln.
 Sole or Joint

Atty. Dkt

For Inventions made outside USA
 executed with or after application

Nw

Client Ref.

NONPROVISIONAL

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT
NAME(S) OF
INVENTOR(S)

(1) <input type="checkbox"/> Naoto IWATA	(4) <input type="checkbox"/> Yoshiaki MIZUNO
(2) <input type="checkbox"/> Masayoshi FUJITA	(5) <input type="checkbox"/> Nobuhiko NAGAI
(3) <input type="checkbox"/> Masahiko NATUME	<input checked="" type="checkbox"/> x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
NAME(S) OF
ASSESSOR(S)
& ADDRESS(ES)

DENSO CORPORATION
of 1-1, Showa-cho, Kariya-city, Aichi-pref. 448-0029 Japan

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof, and all resulting patents, known as

TITLE OF
INVENTION

IMPROVED METHOD FOR MACHINING SLOTS IN MOLDING DIE

for which the undersigned executed an application for Letters Patent of the United States of America:

NOTE -->
(Complete
line A, B and/or C)

- (A) even date herewith
 (B) on May 27 and 28, 1998
 (C) in U.S. Appln. No. / filed _____

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE --> The undersigned hereby authorize(s) Cushman Darby & Cushman Intellectual Property Group of Pillsbury Madison & Sutro, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

	INVENTOR(S)
1)	Naoto Iwata
Name:	Naoto Iwata
2)	Masayoshi Fujita
Name:	Masayoshi Fujita
3)	Masahiko Natume
Name:	Masahiko Natume
4)	Yoshiaki Mizuno
Name:	Yoshiaki Mizuno
5)	Nobuhiko Nagai
Name:	Nobuhiko Nagai

	DATE SIGNED
1)	27-May-98
2)	28-May-98
3)	28-May-98
4)	28-May-98
5)	27-May-98

	WITNESSES
1)	Junichi Ito
2)	Keiji Sakai
3)	Keiji Sakai
4)	Junichi Ito
5)	Yoshitaka Kurada

IF ADDITIONAL INVENTORS, check box and continue on page 2.

ASSIGNMENT

(Continued from page 1)

LISTING OF ADDITIONAL INVENTORS

**INSERT
NAME(S) OF
INVENTOR(S)**

(6)	Mitsutoshi MIYAZAKI	(11)
(7)	Kunihiro KODAMA	(12)
(8)	Toshiji KONDOW	(13)
(9)		(14)
(10)		(15)

SIGNATURES OF ADDITIONAL INVENTORS/WITNESSES/DATES SIGNED

	<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
6) Name:	Mitsutoshi Miyazaki	27-May-98	Hisashi Kayano
7) Name:	Kunihiro Kodama	27-May-98	Hisashi Kayano
8) Name:	Toshiji Kondou	28-May-98	Keiji Sakai
9) Name:			
10) Name:			
11) Name:			
12) Name:			
13) Name:			
14) Name:			
15) Name:			

BOX ASSIGNMENTS

FEB 15 2002

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SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

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FEB 20 2002

TECHNOLOGY CENTER 2800

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Shigenobu NAKAMURA

3.

5.

7.

2.

4.

6.

8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: DENSO CORPORATION

ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 JAPAN

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

<input checked="" type="checkbox"/> ASSIGNMENT OF	<input checked="" type="checkbox"/> WHOLE	<input type="checkbox"/> PART INTEREST
<input checked="" type="checkbox"/> ORIGINAL	<input type="checkbox"/> FACSIMILE/PHOTOCOPY	
<input type="checkbox"/> CHANGE OF NAME	<input type="checkbox"/> VERIFIED TRANSLATION	
<input type="checkbox"/> SECURITY	<input type="checkbox"/> MERGER	<input type="checkbox"/> OTHER:

EXEC. DATE: August 30, 2001

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) August 30, 2001

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APP. NO.(S) series code/serial no.	M#	B. PATENT NO(S) 1st INVENTOR If not in item 1	M#	1st INVENTOR if not in item 1
09/873,410	281269			

5. Name & Address of Party to Whom Correspondence
Concerning Document Should be Mailed:

Pillsbury Winthrop LLP
Intellectual Property Group
1600 Tysons Boulevard McLean, VA 22102
Tel: (703) 905-2000

6. NUMBER INVOLVED:
APPLNS 1 + PATS 0 = TOTAL = 17. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

P 281269	56021/US-SuS-nh
MATTER NO.	CLIENT REF.

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE
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UNDER ORDER NO 30954 281269

dup. sheet not required CLIENT NO. MATTER NO.

9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.



Signature

10. Total number of pages including this
cover sheet, attachments and document
(do not file dup. Cover sheet)

2

Attorney: Paul T. Bowen
 Reg. No. 38009
 Atty/Sec: PTB/vaw

Date: October 1, 2001

TEL: (703) 905-2020 FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)

Please return signed/recorderd to:

Pillsbury Winthrop LLP

1600 Tysons Boulevard
McLean, Virginia 22102

For Inventions made outside USA
executed with or after application

Atty. Dkt. PW | 56021-US-
SuS/nh

M#

Client Ref.

USA Patent Appln.
Sole or Joint

NONPROVISIONAL

**ASSIGNMENT
OF NONPROVISIONAL APPLICATION**

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT NAME(S) OF INVENTOR(S)	(1) Shigenobu NAKAMURA (3) (5)	(2) (4) <input type="checkbox"/> x box if continued on page 2
-------------------------------------	--------------------------------------	---

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT NAME(S) OF ASSIGNEE(S) & ADDRESS(ES)	DENSO CORPORATION 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan
--	---

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof, and all resulting patents, known as

TITLE OF INVENTION	BRUSHLESS AC GENERATOR
-----------------------	------------------------

for which the undersigned executed an application for Letters Patents of the United States of America:

<u>NOTE → →</u> (Complete line A, B and/or C)	(A) <input type="checkbox"/> even date herewith (B) <input checked="" type="checkbox"/> on June 5, 2001 (C) <input type="checkbox"/> in U.S. Appln. No. / filed /
---	---

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

	<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
1): Name:	Shigenobu Nakamura Shigenobu NAKAMURA	August 30, 2001	Hiroshi Ishida
2) Name:			
3) Name:			
4) Name:			
5) Name:			